

Analytical Tools and Data Work Team Summary

Objective/Role:

Quantify future water demand and supply conditions for three alternative growth related scenarios and up to 12 climate scenarios and use to evaluate performance of potential water management responses

Key Deliverables:

- Three narrative future scenarios for California describing alternative values for uncertain factors like population growth, land use changes, socioeconomic conditions, technological advancement, and institutional and political changes
- Up to 12 scenarios of future climate conditions (precipitation, temperature) for California's ten hydrologic regions and all Central Valley planning areas selected with advice from the Climate Change Technical Advisory Group
- Quantification of future water demands for California's ten hydrologic regions reflecting the three narrative future scenarios and up to twelve future climate scenarios
- Quantification of future water supplies and demands reflecting the three narrative future scenarios and up to twelve future climate scenarios for all Central Valley planning areas
- Performance criteria for evaluating effectiveness of regional water management responses
- Evaluation of many alternative water management responses using Robust Decision Making for all Central Valley planning areas

Initial workshop with Statewide Water Analysis network on proposal for Update on 2013	8/2010
Trial run of scenarios analysis and Robust Decision Making	2/2011
Second SWAN workshop describing trial run	4/2011
Third SWAN workshop describing initial scenario results for Update 2013	2/2012
Initial scenario results ready for Public Review draft of Update 2013	9/2012
Final scenario results ready for final Water Plan Update 2013	9/2013

Coordination Venues: (*meetings, list serve, etc*) - A combination of SWAN workshops and presentations to PAC.

How to get involved: (*e.g. Work Team Lead or Lead Coordinator signature block*) - Sign-up through SWAN email list at http://listhost2.water.ca.gov/mailman/listinfo/cwp_swan